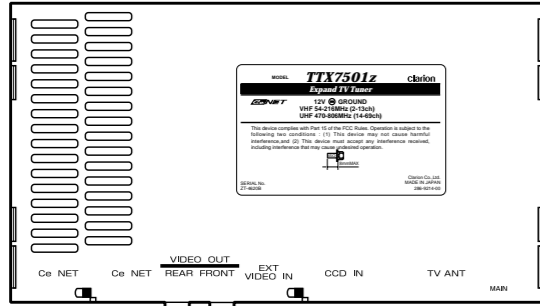


TTX7501z

Owner's Manual / Installation Manual
Manuel de l'utilisateur / Manuel d'installation
Manual del propietario / Manual de instalación



English

- Please read this Owner's manual & Installation manual in its entirety before proceeding with wire connection and installation.
- After reading this manual, be sure to keep it in a handy place (e.g., glove compartment). If you sell the motor vehicle, please leave the manual in it so that the new owner can use it.
- Read the contents of the enclosed warranty card and keep it with this manual.

Français

- Veuillez lire entièrement le mode d'emploi et le manuel d'installation avant de procéder aux connexions et à l'installation.
- Après avoir lu ce mode d'emploi, prenez soin de le conserver dans un endroit pratique (par ex: la boîte à gants). Si vous vendez votre véhicule à moteur, laissez-y le manuel de façon que le nouveau propriétaire puisse l'utiliser.
- Lisez le contenu de la carte de garantie comprise et conservez-la avec ce manuel.

Español

- Antes de pasar a la conexión de los cables y a la instalación, lea detenidamente este manual del usuario y de instalación.
- Después de haber leído este manual, guárdelo a mano (p. ej., en la guantera).
- Cuando venda su automóvil, deje en él el manual de instrucciones a fin de que pueda utilizarlo el nuevo usuario.
- Lea el contenido de la tarjeta de garantía adjunta, y guárdela con este manual.

English

1 PRECAUTIONS

- This equipment uses DC 12 V only. Do not use this equipment on 24 V vehicles such as large trucks.
- When driving, keep the TV tuner volume down to a level where you can hear sounds from outside the vehicle.
- If a problem occurs such as entry of a foreign object, water gets into the tuner, or it produces smoke or strange smells, stop using the tuner immediately, and consult your dealer.

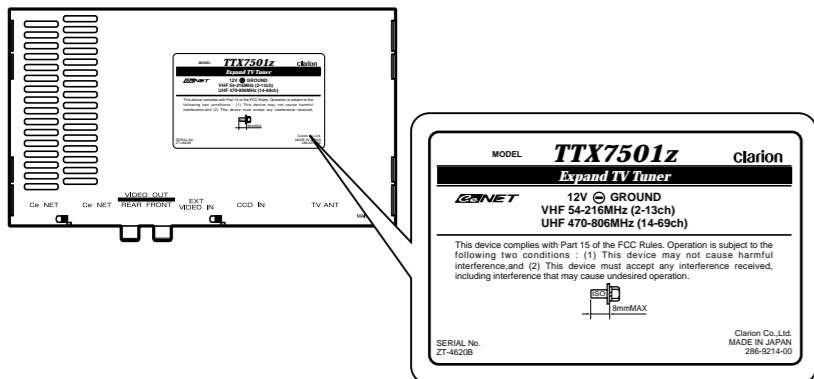
Tuner Handling

- Disconnecting the cables while the system is operating may cause a system breakdown. Always turn off the power (ACC-OFF) before you disconnect the cables.
- If the power supply to the system is stopped due to battery replacement, etc., the details you have entered into the microcomputer memory may be erased and the settings may return to the default settings. If this occurs, enter your settings again.

Reception

- If your vehicle is outside the broadcast transmission range, the radio waves will become weak and reception will deteriorate. UHF stations and regional broadcast stations output a comparatively weak radio transmission, so the reception conditions may get worse while driving over a distance of only a few kilometers.
- The screen image may be disturbed and output noise due to train lines, high voltage power lines and traffic signal lights.
- This equipment does not have a display function, so the screen will be black during driving.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.



INFORMATION FOR USERS:

CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY AND WILL VIOLATE FCC APPROVAL.

2 PACKAGE CONTENTS

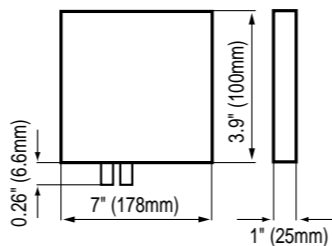
- TV tuner unit (TTX7501z)
- User's Manual / Installation Manual..... 1
- CeNET cable (for connection to DRX8575z, 2.5 m)..... 1
- Picture RCA cable (for connection to VMA8582, 2.5 m) 1
- Velcro tape 2
- PKG connection cable 1

3 FEATURES

- Compact size**
The unit's compact size of 7" (width) × 1" (height) × 3.9" (depth) permits flexibility in selecting the installation location.
- CeNET connection**
The center unit provides comprehensive control of the CeNET system.
- Rapid tuning in to your desired TV station**
You can easily tune in to your favorite TV stations when travelling using preset tuning (6 stations each for band TV1 and TV2) or manual tuning.
- Title and Memory Functions**
You can enter into the memory up to 12 of your favorite broadcasting stations (a maximum of 10 characters for each name) such as TV stations. (6 stations each for band TV1 and TV2)
- Equipped with image and audio input terminals, and a security camera connection terminal**
You can connect your unit to an external video camera (*) or Clarion security camera.
* Connection requires a Clarion conversion cord CCA-389 (RCA3P → mini DIN 8P) which is sold separately.
- Equipped with RCA gold-plated image output terminal**
The image output terminal is a non-magnetic gold-plated terminal to prevent signal deterioration and aged deterioration.

4 SPECIFICATIONS

Reception channels:	VHF 54 - 216 MHz (2 - 13 channels) UHF 470 - 806 MHz (14 - 69 channels)
Antenna input:	75 Ω unbalanced
voltage:	14.4 V
Grounding:	Negative terminal grounding
Power consumption:	0.4 A or less
External dimensions:	7" (Width) × 1" (Height) × 3.9" (Depth) [178 mm (Width) × 25 mm (Height) × 100 mm (Depth)]
Weight:	1.1 lb. (0.5 kg)



* The specifications and design may be subject to change without prior notice due to improvements.

5 TROUBLESHOOTING

The following symptoms may not be the result of a breakdown, so perform the remedy suggested below before contacting your Dealer for repairs.

Symptom	Cause	Remedy
No power	Wiring is incomplete.	Check the wiring method in the manual again, then connect the wiring properly.
No image	Parking brake is not engaged.	Check that the parking brake is engaged completely.
Unclear image from rear seat monitor	Image output for front and rear is connected in reverse.	Check the connection method in the manual again, then connect the wiring properly.
Image is unclear	Poor reception	The transmission may not be reaching you properly because you are in a valley or the shadow of a building. Check again at a location where the transmission can reach you properly.
Double or triple image	Poor reception	The image may be affected by transmission reflected from mountains or buildings. Change your location or the reception direction.
Image is spotty or striped	Electrical interference	Reception may be affected by radio interference from another vehicle, a train, high voltage or neon signs. Check your reception again at another location.

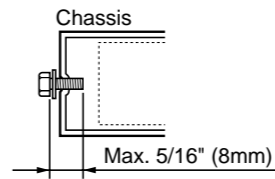
6 INSTALLATION



- Disconnect the battery negative cable before connecting the wiring.
- If you are making holes in the vehicle body in order to install the unit, first confirm the position of pipes, tanks and electrical wiring to avoid contact and interference.
- When installing the wiring for connection cords on a vehicle equipped with airbags, do not install the wiring where it may affect the airbag system.
- Do not cover the ventilation holes and heat-radiating parts of the tuner.

Installation Using Screws

- When using the installation holes at the sides of the unit, use M4 × 8 screws. Using screws other than the specified screws may cause a malfunction.
- If you are going to drill holes in the dashboard, make sure beforehand that there are no harnesses behind the dashboard at that position or nearby.



7 CAUTIONS ON WIRING

Pay particular attention to the following points when laying out the cords.

- Keep the unit's cables as far away as possible from the vehicle's wiring bundles.
- Keep the unit's RCA pin cord and the power cord separated as far as possible.

English

Français

Español

8 WIRING CONNECTIONS / CONNEXION DE CABLAGE / CONEXIÓN DEL CABLEADO

Connect the unit as follows.

Raccordez l'unité de la manière suivante.

Conecte la unidad en la forma siguiente:

Notes:

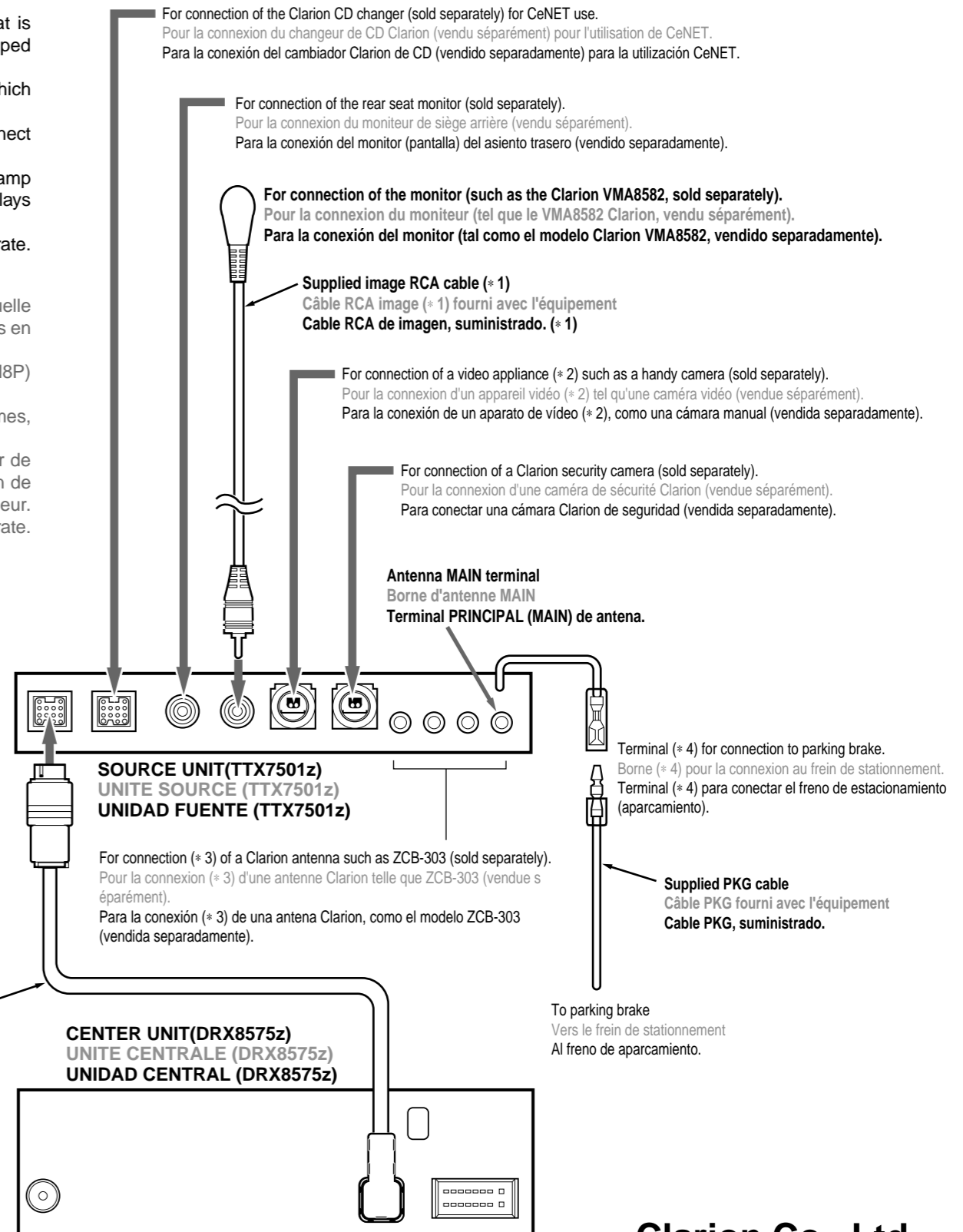
- Connect the cable to the terminal of equipment (center unit, monitor) that is connected by connection cables (CeNET cable, RCA cable) with the L-shaped terminals.
- Connection requires a CCA-389 conversion cord (RCA3P → mini DIN8P) which is sold separately.
- If you are connecting an antenna other than a 4 system diversity antenna, connect it to the MAIN terminal on the far right.
- Connect the terminal to the lead wire on the lamp side of the parking brake lamp switch. After connection, apply the parking brake, then check that the TV displays an image.
 - If the PKG cable is not connected to the side brake, some units may not operate.

Notes:

- Raccordez le câble à la borne de l'équipement (unité centrale, moniteur), laquelle est reliée par les câbles de connexion (câble CeNET, câble RCA) aux bornes en forme de "L".
- La connexion nécessite un câble de conversion CCA-389 (RCA3P → mini DIN8P) vendu séparément.
- Si vous utilisez une antenne autre qu'une antenne de diversité pour 4 systèmes, raccordez l'antenne à la borne MAIN située à l'extrémité droite.
- Raccordez la borne au câble conducteur situé côté ampoule du contacteur de témoin de frein de stationnement. Après le branchement, appliquez le frein de stationnement, puis assurez-vous qu'une image apparaît à l'écran du téléviseur.
 - If the PKG cable is not connected to the side brake, some units may not operate.

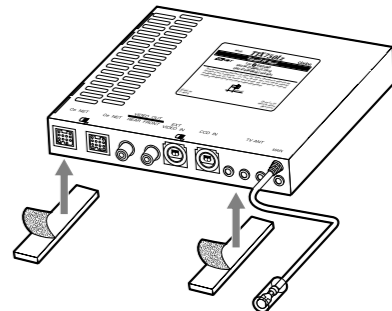
Notes:

- Conecte el cable al terminal del equipo (unidad central, monitor) que está conectado mediante los cables de conexión correspondientes (cable CeNET, cable RCA) con los terminales en forma de L.
- Para conectar se necesita un cable CCA-389 de conversión (RCA → mini DIN8P), que es vendido separadamente.
- Si está conectando una antena diferente de la antena de diversidad de sistema 4, conéctela al terminal PRINCIPAL (MAIN), situado en el extremo derecho.
 - Si el cable PKG no está conectado -en la forma indicada- con el terminal del freno de estacionamiento, es posible que algunas unidades no funcionen.
- Conecte el terminal al cable principal en el lado de la lámpara del interruptor del indicador luminoso de freno de estacionamiento. Después de haber efectuado la conexión, aplique el freno de estacionamiento (aparcamiento), y enseguida compruebe que la TV muestra efectivamente una imagen.



Installation Using Velcro Tape

- Apply Velcro tape to the bottom surface of the unit.
- Attach the unit to the floor carpet beneath the seat.



- When you have finished connecting the cords, secure them with clamps and insulating tape for protection.
- Make sure that the connection cables will not get caught on burrs and edges of the metal parts under the seat. It could damage the cables and cause noise from the unit.
- To assist safe driving, connect the parking brake connection terminal to the lead wire on the lamp side of the parking brake lamp switch.